

# **SECOND SESAAS YEAR 2000 STRATEGY ViTS**

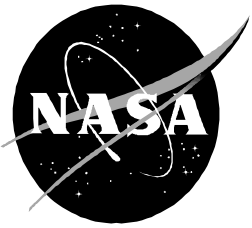
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## **SUSTAINING ENGINEERING SUPPORT for AGENCYWIDE ADMINISTRATIVE SYSTEMS (SESAAS)**

**Second Year 2000 Strategy ViTS**

**April 28, 1997**



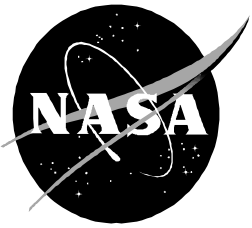
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## INTRODUCTION

**Purpose - Provide continuous status to the Agency on  
SESAAS Year 2000 conversion activities**



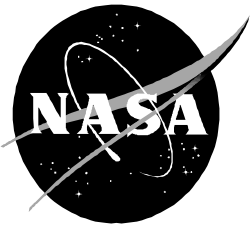
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## Topics

- ◆ **Updates to the Year 2000 System Release Schedule**
- ◆ **External Interfaces**
- ◆ **SAG Year 2000 Compliant Product Upgrades**
- ◆ **Year 2000 Tool Selection for NATURAL**
- ◆ **General Testing Approach**
- ◆ **Issues and Concerns**



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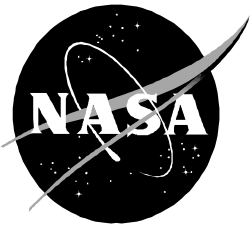
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## Target Year 2000 Software Release Schedule

SYSTEM	1/97	2	3	4	5	6	7	8	9	10	11	12	1/98	2	3	4	5	6
NPPS												D		S		R		
CAPPS														S		R		
NTDS												D		S		R		
NEMS						D								S	R			
NPDMS										D				S	R			
AMS												D		S	R			

**D - Y2K Conversion Plan      S - SAG Y2K Compliant Product Upgrade      R - System Release for Beta Testing**

**\*\*\* Releases may not include Y2K compliant interfaces to external systems**

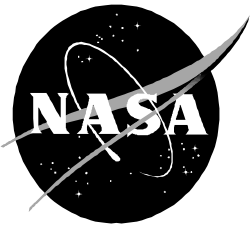


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## External Interfaces

SYSTEM	INTERFACE	CONTACTED	CHANGE REQUIRED	REL W/ SYSTEM
NPPS	OPM Macon	YES	UNKNOWN	
	Treasury	YES	UNKNOWN	
	SSA	YES	UNKNOWN	
	NFC	YES	UNKNOWN	
	NEBA	YES	UNKNOWN	
CAPPS	OPM	YES	UNKNOWN	
NTDS	CTDS	YES	UNKNOWN	
NSMS	DLSC	YES	NO	
	DAMES	YES	NO	
NPDMS	GSA	YES	YES	BEFORE
AMS	FACS	YES	YES	YES

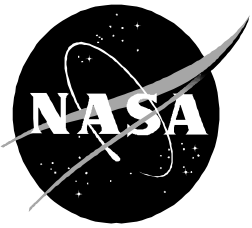


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NTDS	CTDS	YES	UNKNOWN	
NSMS	DLSC	YES	NO	
	DAMES	YES	NO	
NPDMS	GSA	YES	YES	BEFORE
AMS	FACS	YES	YES	YES



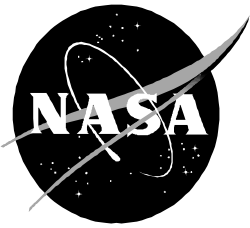
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## SAG Y2K Release Schedule

◆ Adabas v6.2	7/4/97
◆ Natural v2.3	12/31/97
◆ Natural Connection v2.3	10/3/97
◆ Natural Security v2.3	10/03/97
◆ Predict Application Control v2.1.1	5/2/97
◆ Super Natural v3.1.5	12/31/97



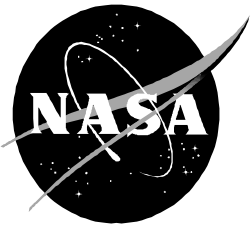
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# Y2K Year 2000 Tool Features

- ◆ **Works with both Structured & Report Modes of Natural**
- ◆ **Processes both data elements and element usage**
- ◆ **Scans for Specific Date Formats (YY MM DD, etc)**
- ◆ **Scans for Specific “Date” Naming Conventions**
- ◆ **Provide Full Alias Tracking**
- ◆ **Identifies lines of source code where elements are referenced**
- ◆ **Produces a flat file for special reporting**
- ◆ **This is a tool, not a silver bullet**
- ◆ **Free**



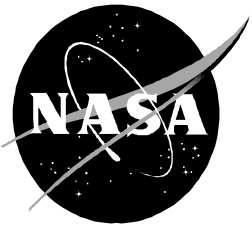
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# Y2K Year 2000 Tool Support

- ◆ Available April 28, 1997 - with user documentation
- ◆ Available for NASA use only
- ◆ Support questions on the Impact Analysis features only
- ◆ Code Conversion and Table updates not supported at this time
- ◆ Tables will be pre-loaded with default values
- ◆ Tables are modifiable
- ◆ New versions will be offered to the agency when available



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# **Y2K Year 2000 Tool Support**

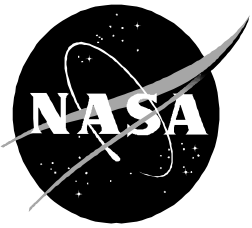
- ◆ **SESAAS WEB PAGE (<http://www.msfc.nasa.gov/sesaas/>)**

### **SESAAS Year 2000 Conversion**

#### **Y2K Tool Information (VDD and UOG)**

#### **Contact List**

- ◆ **SESAAS Help Desk (205) 544-6673**



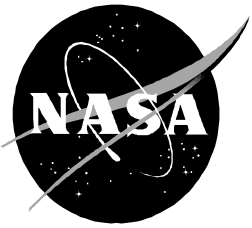
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# Year 2000 Testing Approach

- ◆ **Process data in current century (did we didn't break anything?)**
- ◆ **Process data spanning the turn of the century (Ex: Dec 31, 1999 to Jan 1, 2000)**
- ◆ **Process data spanning year 2000 and 2001**
- ◆ **Process data that encompasses leap year (Feb 29, 2000)**



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## Issues and Concerns